

**03050104-040**  
**(Grannies Quarter Creek)**

**General Description**

Watershed 03050104-040 is located in Kershaw and Lancaster Counties and consists primarily of **Grannies Quarter Creek** and its tributaries. The watershed occupies 45,157 acres of the Sandhills region of South Carolina. The predominant soil types consist of an association of the Goldston-Lakeland-Badin series. The erodibility of the soil (K) averages 0.15; the slope of the terrain averages 15%, with a range of 0-45%. Land use/land cover in the watershed includes: 86.1% forested land, 8.9% agricultural land, 4.2% scrub/shrub land, 0.7% forested wetland (swamp), 0.1% water.

Grannies Quarter Creek drains into the Wateree River just below the Lake Wateree Dam. Flat Rock Creek (Little Flat Rock Creek) and Dry Branch flow into Grannies Quarter Creek. There are a total of 79.7 stream miles in this watershed, all classified FW.

**Water Quality**

<b><u>Station #</u></b>	<b><u>Type</u></b>	<b><u>Class</u></b>	<b><u>Description</u></b>
CW-077	BIO	FW	FLAT ROCK CREEK AT S-28-40
CW-078	BIO	FW	GRANNIES QUARTER CREEK AT S-28-58
CW-237	W	FW	GRANNIES QUARTER CREEK AT SC 97

**Flat Rock Creek (CW-077)**- Aquatic life uses are fully supported based on macroinvertebrate community data.

**Grannies Quarter Creek** - There are two monitoring sites along Grannies Quarter Creek. At the upstream site **(CW-078)**, aquatic life uses are fully supported based on macroinvertebrate community data. At the downstream site **(CW-237)**, aquatic life uses are also fully supported. Although there was a fecal coliform bacteria excursion, due to the small number of samples, recreational life use support determination is inconclusive.

**NPDES Program**

**Active NPDES Facilities**

<b><i>RECEIVING STREAM</i></b>	<b><i>NPDES#</i></b>
<b><i>FACILITY NAME</i></b>	<b><i>TYPE</i></b>
<b><i>PERMITTED FLOW @ PIPE (MGD)</i></b>	<b><i>LIMITATION</i></b>
<b><i>COMMENT</i></b>	
GRANNIES QUARTER CREEK	SC0047473
CITY OF CAMDEN WTP	MINOR DOMESTIC
PIPE #: 001 FLOW: M/R	WATER QUALITY
WQL FOR TRC	
LITTLE FLAT ROCK CREEK	SCG730155
CAROLINA QUARRIES/KERSHAW QUARRY	MINOR INDUSTRIAL
PIPE #: 001 FLOW: M/R	EFFLUENT

LITTLE FLAT ROCK CREEK  
NC GRANITE CORP./KERSHAW QUARRY  
PIPE #: 001 FLOW: M/R

SCG730209  
MINOR INDUSTRIAL  
EFFLUENT

## **Nonpoint Source Management Program**

### ***Mining Activities***

***MINING COMPANY***  
***MINE NAME***

***PERMIT #***  
***MINERAL***

DESTAG OF MISSOURI  
CAROLINA MAHOGANY #1

0013-55  
GRANITE

GRANITE PANELWALL COMPANY  
CAROLINA MAHOGANY #2

0014-55  
GRANITE

CAROLINA QUARRIES  
KERSHAW QUARRY

0404-55  
GRANITE

N.C. GRANITE CORP.  
PALMETTO QUARRIES #1

0487-55  
GRANITE

### **Growth Potential**

There is a low potential for growth in this watershed. U.S. Highways 521 and 601 run through the area and limited growth is expected adjacent to these roads.